

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	10/624	619	
Source:		Q/	PE
Date Processed by STIC:	,	7/31	12003
•	-		,

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- Hand Carry directly to:
 U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
 - U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
- 4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIPE

7/31/03

```
DATE: 07/31/2003
                     RAW SEQUENCE LISTING
                     PATENT APPLICATION: US/10/624,619
                                                             TIME: 08:01:13
                     Input Set : A:\0875CSEQUENCE LISTING.txt
                     Output Set: N:\CRF4\07312003\J624619.raw
      4 <110> APPLICANT: Duvick, Jonathan P.
      5
              Gilliam, Jacob T.
      6
              Maddox, Joyce R.
      7
              Crasta, Oswald R.
              Folkerts, Otto
     11 <120> TITLE OF INVENTION: Amino Polyol Amine Oxidase
        Polynucleotides and Related Polypeptides and Methods of Use
     15 <130> FILE REFERENCE: 0875C
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/624,619
C--> 17 <141> CURRENT FILING DATE: 2003-07-22
     17 <150> PRIOR APPLICATION NUMBER: US 60/092,936
     18 <151> PRIOR FILING DATE: 1998-07-15
                                                              see pp 6-7, 200
     20 <150> PRIOR APPLICATION NUMBER: US 09/352,168
     21 <151> PRIOR FILING DATE: 1999-07-12
     23 <160> NUMBER OF SEQ ID NOS: 33
     25 <170> SOFTWARE: FastSEQ for Windows Version 3.0
                                                                  Does Not Comply
ERRORED SEQUENCES
                                                              Corrected Diskette Needec
     3641 <210> SEQ ID NO: 32
     3642 <211> LENGTH: 2490
                                       Per 1.823 of Sequence Rules, 4 lines MAXIMUM
     3643 <212> TYPE: DNA
     3644 <213> ORGANISM: Unknown
     3646 <220> FEATURE:
     3647 <223> OTHER INFORMATION: GST:glyc(-)APAO open reading frame, 2490 nt; GST
     3648
               and linker, nt 1-687; Glyc (-) APAO, nt 688-2490;
     3649
               mutation in putative glycosylation sites in bold
     3650/2207 and underlined, nt 1288-1290 (AAT->TCC) and nt
E- 223) 1303-1305 (AGC->AAC) -) MOVE OVER (DO NOT use TAB codes) INSER
W--> 3653 <221> NAME/KEY: CDS
     3654 <222> LOCATION: (1)...(2487)
W--> 3656 <221> misc feature
     3657 < 222 > LOCATION: (1)...(687)
     3658 <223> OTHER INFORMATION: GST and linker
W--> 3660 <221> misc feature
     3661 <222> LOCATION: (688)...(2490)
     3662 <223> OTHER INFORMATION: Glyc (-) APAO
W--> 3664 <221> mutation
     3665 <222> LOCATION: (1288)...(1290)
     3666 <223> OTHER INFORMATION: mutation in putative glycosylation site (AAT->TCC)
W--> 3668 <221> mutation
                                                                      Please edit Segs.
20 and 30, kor.
     3669 <222> LOCATION: (1303)...(1305)
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file://C:\CRF4\Outhold\VsrJ624619.htm

RAW SEQUENCE LISTING DATE: 07/31/2003 PATENT APPLICATION: US/10/624,619 TIME: 08:01:13

Input Set : A:\0875CSEQUENCE LISTING.txt
Output Set: N:\CRF4\07312003\J624619.raw

W>	3670 3672			HER :	INFO	TAMS	ION:	muta	ation	n in	puta	ative	e gly	ycos	ylat:	ion :	site	(AGC->AAC)
W>			_	•										٠.				
	3673											aag						48
	3674		Ser	Pro	Ile	Leu	Gly	Tyr	Trp	Lys	Ile	Lys	Gly	Leu	Val	Gln	Pro	
	3675	1				5					10					15		
	3677	act	cga	ctt	ctt	ttg	gaa	tat	ctt	gaa	gaa	aaa	tat	gaa	gag	cat	ttg	96
	3678											Lys						
	3679		_		20			-	-	25		-	-		30			
	3681	tat	gag	cac		gaa.	aat	gat	222		cga	aac	222	aad	-	gaa	tta	144
	3682											Asn						. 111
	3683	- y ~	Oru	35	1150	OIU	Ory	пор	40	11p	my	ASII	цуз	45	1110	GIU	пе и	
	3685	~~+	++~		+++			~++		+ ~ +	+-+		~~+					1.00
												att						192
	3686	GLY		GLu	Phe	Pro	Asn		Pro	Tyr	Tyr	Ile	-	GLY	Asp	Val	Lys	
	3687		50					55					60					
	3689	tta	aca	cag	tct	atg	gcc	atc	ata	cgt	tat	ata	gct	gac	aag	cac	aac	240
	3690	Leu	Thr	Gln	Ser	Met	Ala	Ile	Ile	Arg	Tyr	Ile	Ala	Asp	Lys	His	Asn	
	3691	65					70					75					80	
	3693	atg	ttq	ggt	ggt	tqt	cca	aaa	gag	cqt	qca	gag	att	tca	atq	ctt	gaa	288
	3694											Ğlū						
	3695			_	1	85		-1-		5	90					95		
	3697	. aaa	aca	att	tta		att	aga	tac	aat		tcg	ana	2++	~C2		ant	336
	3698											Ser						330
•	3699	Gry	лта	vai	100	тэр	116	Arg	тУr	105	val	261	ALG	116	110	т Ут	ser	
																		. 204
	3701											ctt						384
	3702	гÃг	Asp		Glu	Thr	Leu	ьуs		Asp	Phe	Leu	Ser	-	Leu	Pro	GLu	
	3703			115					120					125				•
	3705	_										cat						432
	3706	Met		Lys	Met	Phe	Glu	Asp	Arg	Leu	Cys	His	Lys	Thr	Tyr	Leu	Asn	
	3707		130					135					140					
	3709	ggt	gat	cat	gta	acc	cat	cct	gac	ttc	atg	ttg	tat	gac	gct	ctt	gat	480
	3710	Gly	Asp	His	Val	Thr	His	Pro	Asp	Phe	Met	Leu	Tyr	Asp	Ala	Leu	Asp	
	3711	145					150	*	_			155	_	_			160	
	3713	att	att	tta	tac	atq	gac	cca	atσ	tac	cta	gat	aca	ttc	сса	aaa	tta	528
	3714											Asp						
	3715					165	L				170	1				$\frac{-1}{175}$		
	3717	att	tat	+++	aaa		cat	att	gaa	act		сса	саа	att	aat		tac	• 576
	3718											Pro						370
	3719	Val	Cys	1116	180	цуз	ALG	116	Giu	185	116	110	GIII	116	190	цуз	тут	
	3721	++~		+		~	+ - +	a+ a	~~~		~~+		~~~					624
												ttg						624
	3722	Leu	ьуs		ser	гÀг	Tyr	тте		Trp	Pro	Leu	GIN	_	Trp	GIN	Ala	
	3723			195					200					205				
	3725											tcg						672
	3726	Thr	Phe	Gly	Gly	Gly	Asp	His	Pro	Pro	Lys	Ser	Asp	Leu	Val	Pro	Arg	
	3727		210					215					220					
	3729	gga	tcc	ccg	gaa	ttc	atg	gca	ctt	gca	ccq	agc	tac	atc	aat	ccc	cca	720
	3730			_	-		_	_		_	-	Ser						
	3731	225					230					235	4			-	240	
	3733		atc	acc	toc	cca		aaa	tat	tct	cac	gtc	aac	αta	aac	cca		768
	3734											Val						, , ,
	3134	ASII	val	11TG	DET	LIO	пта	ату	тут	DET	1112	vaı	GTÀ	val	<u>ат</u> у	FIO	νżħ	

RAW SEQUENCE LISTING

DATE: 07/31/2003 PATENT APPLICATION: US/10/624,619 TIME: 08:01:13

Input Set : A:\0875CSEQUENCE LISTING.txt
Output Set: N:\CRF4\07312003\J624619.raw

3735					245					250					255		
3737						aca											816
3738	Gly	Gly	Arg	Tyr	Val	Thr	Ile	Ala	Gly	Gln	Ile	Gly	Gln	Asp	Ala	Ser	
3739				260					265					270			
3741	qqc	qtq	aca	gac	cct	gcc	tac	qag	aaa	cag	gtt	gcc	caa	gca	ttc	gcc	864
3742						Āla											
3743	_		275	_			-	280	-				285				
3745	aat	cta	cga	act	tac	ctt	act	gca	att	ααa	acc	act	t.ca	aac	gac	atc	912
3746		_		_	-	Leu	-	_	_		_				_	-	
3747	21011	290	111 9	1114	O y D	100	295		• • •	O-1	1114	300	001	11011	1100		
3749	acc.		ctc	aat	tac	tac		atc	gac	tac.	acc		adc	aaa	ctc	acc	· 960
3750						Tyr											300
3751	305	шуз	пец	USII	тут	310	116	vai	лэр	тут	315	110	DCI	цуз	пси	320	
3753		~++	~~^	~~+	~~~		224	~a+	200	+++		a++	~~~	200	a± a		1008
						ctg											1008
3754	Ата	тте	GLY	Asp	_	Leu	гуѕ	ALd	TUL		Ald	ьeu	ASP	Arg		PIO	
3755					325					330					335		1056
3757						cca											1056
3758	Pro	Cys	Thr		Val	Pro	Val	Ser		Leu	Ser	Ser	Pro		Tyr	Leu	
3759				340					345					350			
3761						acg											1104
3762	Phe	Glu		Asp	Ala	Thr	Ala		Val	Ьٺо	Gly	His		Thr	Pro	Asp	
3763			355			•		360					365				
3765	aac	gtt	gcg	gac	gtg	gta	gtg	gtg	ggc	gct	ggc	ttg	agc	gġt	ttg	gag	1152
3766	·Asn	Val	Ala	Asp	Val	Val	Val	Val	Gly	Ala	Gly	Leu	Ser	Gly	Leu	Glu	
3767		370					375					380					•
3769	acg	gca	cgc	aaa	gtc	cag	gcc	gcc	ggt	ctg	tcc	tgc	ctc	gtt	ctt	gag	1200
3770						Gln											
3771	385		_	-		390			_		395	_				400	
3773	aca	atq	gat	cqt	qta	ggg	gga	aaq	act	ctq	aqc	gta	caa	tcg	ggt	ccc	1248
3774						Gly											
3775			-	_	405	-	-	-		410					415		•
3777	aac	agg	acq	act	atc	aac	gac	ctc	aac	act	aca	taa	atc	tcc	gac	agc	1296
3778			_			Asn				-				. '	_ , ,		
3779	1	5		420			-		425			-		430	-		
3781	aac	caa	aac		αta	tcc	aga	ttα		αаа	aga	ttt	cat		gag	aac	1344
3782				_	_	Ser	_	_		-	_			_			
3783	11011	0111	435	Oiu	• • •	001	**** 9	440	2110	010	*** 9	1110	445		014		
3785	nan	ctc		add	aca	act	ada		t ca	atc	cat	caa		саа	aac	aat	1392
3786						Thr											1072
3787	GIU	450	GTI	Arg	1111	1111	455	ASII	Der	110	1113	460	nia	01.11	7150	OTY	
3789	202		20+	202	aa+	cat		~~+	~ ~ ~	+ 00	++~		200	ana	asa	a++	1440
						cct											1440
3790		Thr	Thr	Thr	Aļa	Pro	TÀT.	СΤУ	Asp	ser		ьeu	ser	GLU	GIU		
3791	465					470					475	1 1-			- 4 -	480	1400
3793						gaa											1488
3794	Ala	Ser	Ala	Leu		Glu	Leu	Leu	Pro		Trp	Ser	Gln	Leu		GLu	
3795					485	٠.				490					495		
3797			_			gac		_		_		_		_			1536
3798	Glu	His	Ser		Gln	Asp	Leu	Lys		Ser	Pro	Gln	Ala		Arg	Leu	
3799				500			•		505					510			

RAW SEQUENCE LISTING DATE: 07/31/2003 PATENT APPLICATION: US/10/624,619 TIME: 08:01:13

Input Set : A:\0875CSEQUENCE LISTING.txt
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3801	gac	agt	gtg	agc	ttc	gcg	cac	tac	tgt	gag	aag	gaa	cta	aac	ttg	cct	1584
3802	Asp	Ser	Val	Ser	Phe	Ala	His	Tyr	Cys	Glu	Lys	Glu	Leu	Asn	Leu	Pro	
3803			515					520				•	525				
3805	-	-			_	-	aac	_			_	_	_				1632
3806	Ala	Val	Leu	Gly	Val	Ala	Asn	Gln	Ile	Thr	Arg	Ala	Leu	Leu	Gly	Val	
3807		530					535					540					
3809	gaa	gcc	cac	gag	atc	agc	atg	ctt	ttt	ctc	acc	gac	tac	atc	aag	agt	1680
3810	Glu	Ala	His	Glu	Ile	Ser	Met	Leu	Phe	Leu		Asp	Tyr	Ile	Lys	Ser	
3811	545					550					555					560	
3813							att										1728
3814	Ala	Thr	Gly	Leu	Ser	Asn	Ile	Phe	Ser	Asp	Lys	Lys	Asp	Gly	Gly	Gln	
3815					565					570					575		
3817							ggt										1776
3818	Tyr	Met	Arg	_	Lys	Thr	Gly	Met	Gln	Ser	Ile	Cys	His	Ala	Met	Ser	
3819.				580					585					590			
3821	_	_		_			tca							-	4.5	_	1824
3822	Lys	Glu		Val	Pro	Gly	Ser		His	Leu	Asn	Thr		Val	Ala	Glu	
3823			595					600					605				
3825			_	_	_		ggc	_		_	_	_	_			-	1872
3826	Ile		Gln	Ser	Ala	Ser	Gly	Cys	Thr	Val	Arg		Ala	Ser	Gly	Ala	
3827		610					615					620					
3829							gtg										1920
3830		Phe	Arg	Ser	Lys		Val	Val	Val	Ser		Pro	Thr	Thr	Leu	_	
3831	625					630					635					640	1000
3833							cca										1968
3834	Pro	Inr	Leu	Thr		Ser	Pro	Pro	Leu		Ala	GLu	Lys	GIn		Leu	
3835	~~~	~~~		.	645			.		650					655	.	2016
3837 3838							ggc										2016
3839	Ата	GIU	ASII	660	116	ьеu	Gly	тут	665	ser	гАг	тте	vaı		vaı	тр	
3841	an a	224	000		+~~	000	~~~			++-	+ ~~	~~~	~+ ~	670	~~~	+ 00:	2064
3842			-				Glu				_		-			tcg	2004
3843	лэр	цуз	675	тър	пр	ALG	GIU	680	GTÄ	rne	Ser	СТУ	685	ьеu	GTII	ser	
3845	age	tat		ccc	ata	tca	ttt		202	ast	200	200		a 20	ato	ast	2112
3846							Phe										2112
3847	OCL	690	r.sp	110	110	JCI	695	пта	Arg	лэр	1111	700	116	H25	VCLL	лэр	
3849	caa		taa	tcc	att	acc		ttc	ata	atc	aaa		cca	aaa	caa	aag ·	2160
3850							Cys										2100
3851	705	0111	110	DCI	110	710	Cys	1110	1100	VUI	715	ASP	110	ОТУ	hrg	720	
3853		tac	саа	сап	tcc		caid	αta	caa	саа		tct	atc	taa	gac	caa .	2208
3854																Gln	2200
3855		001	01	02.11	725	2,0	0111		9	730	טעב	501	var	112	735	GIII .	
3857	ct.c	cac	gca	acc		gag	aac	acc	aaa		caa	atc	cca	gag		acc	2256
3858							Asn										
3859		9		740	-1-				745					750			
3861	aac	ata	ctc		atc	σaσ	tgg	tca		caσ	cao	tat	ttc		gga	act	2304
3862		-		-			Trp	_	_	_	_					-	
3863			755					760				- 	765		1		
3865	ccq	aqc		gtc	tat	qqq	ctg	aac	gat	ctc	atc	aca		gat	tca	qcq	2352
	_		_	-			_		_								

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DATE: 07/31/2003

PATENT APPLICATION: US/10/624,619 TIME: 08:01:13

Input Set: A:\0875CSEQUENCE LISTING.txt
Output Set: N:\CRF4\07312003\J624619.raw

3866 3867	Pro :	Ser 770	Ala	Val	Tyr	Gly	Leu 775	Asn	Asp	Leu	Ile	Thr 780	Leu	Gly	Ser	Ala	
3869 3870	ctc a	-	_	_		_	_	-			_		-		_		2400
3871	785	_				790					795	_	•			800	
3873	tta	gtt	tgg	aaa	ggg	tạt	atg	gaa	ggg	gcc	ata	cga	tcg	ggt	caa	cga	2448
3874	Leu '	Val	Trp	Lys	Gly	Tyr	Met	Glu	Gly	Ala	Ile	Arg	Ser	Gly	Gln	Arg	
3875					805					810					815	•	
3877	ggt	gct	gca	gaa	gtt	gtg	gct	agc	ctg	gtg	cca	gca	gca	tag			2490
3878	Gly A	Ala	Ala	Glu	Val	Val	Ala	Ser	Leu	Val	Pro	Ala	Ala				
3879				820					825								

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 07/31/2003

PATENT APPLICATION: US/10/624,619

TIME: 08:01:14

Input Set : A:\0875CSEQUENCE LISTING.txt
Output Set: N:\CRF4\07312003\J624619.raw

Use of <220> Feature (NEW RULES):

Sequence(s) __are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32) (Sec.1.823 of new Rules)

Seq#: 25, 26 (27) 29 (29) 20 (31) 20 (33)

Seq #: 25, 26 (27) 20 (31) 20 (33)

<210> 25 <211> 1000 no explanation given <212> PRT <213> Unknown <220> <221> SIGNAL <222> (1)...(24)

<400> 25

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/624,619 TIME: 08:01:14

DATE: 07/31/2003

Input Set: A:\0875CSEQUENCE LISTING.txt.
Output Set: N:\CRF4\07312003\J624619.raw

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L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300
L:284 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:287 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:552 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:799 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:1041 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:1045 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:1049 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:1340 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:1347 M:259 W: Allowed number of lines exceeded, <223> Other Information:
L:1348 M:259 W: Allowed number of lines exceeded, <223> Other Information:
L:1350 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:1354 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20 L:1813 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1817 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:1821 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:1825 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
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L:1832 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:1836 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:2099 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:25, <213>
ORGANISM: Unknown
L:2099 M:258 W: Mandatory Feature missing, <223> Blank for SEQ\#:25,Line\#:2099 L:2237 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2241 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:2245 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:2249 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:2253 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:2256 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:2260 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:2520 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:27, <213>
ORGANISM: Unknown
L:2520 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:27, Line#:2520
L:2657 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2660 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:2664 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:2668 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:2672 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:2676 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28 L:2680 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:2991 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:29, <213>
ORGANISM: Unknown
L:2991 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:29, <213>
ORGANISM: Unknown
L:2991 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:29,Line#:2991
L:3155 M:259 W: Allowed number of lines exceeded, <223> Other Information:
L:3156 M:259 W: Allowed number of lines exceeded, <223> Other Information:
L:3158 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:3162 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:3166 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/624,619

DATE: 07/31/2003 TIME: 08:01:14

Input Set : A:\0875CSEQUENCE LISTING.txt
Output Set: N:\CRF4\07312003\J624619.raw

L:3170 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:3174 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:3177 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:3181 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:3488 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:31, <213>
ORGANISM:Unknown
L:3488 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:31, <213>
ORGANISM:Unknown
L:3488 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:31, Line#:3488
L:3651 M:250 E: Invalid Numeric Identifier, INVALID IDENTIFIER
L:3653 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:3656 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:3660 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:3664 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:3668 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:3668 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:3672 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:3678 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:3887 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
CRGANISM:Unknown